

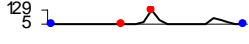
SWP Water Quality Summary

December 21 through January 18, 2007

Total Dissolved Solids: This month's data show TDS increasing significantly at all stations and they ranged from 196 to 351 mg/L. Nevertheless, TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/l. The highest concentration of 351 mg/l occurred at Banks Pumping Plant (BPP), while Barker Slough had the lowest concentration at 196 mg/L. At BPP, TDS increased from 265 mg/l on December 15 to 351 mg/L on January 9, 2007.

Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations and they ranged from 0.12 to 0.33 mg/L. BPP had the highest concentration of 0.33 mg/L while the lowest concentration of 0.12 mg/l occurred at Barker Slough on January 9, 2007. Concentrations at BPP increased from 0.21 mg/L to 0.33 mg/L as of January 9, 2007.

Turbidity: Turbidity increased at all locations except at Check 41 and Barker Slough, where turbidity decreased from 3 to 2 NTU and 32 to 24 NTU, respectively. The greatest decrease of 8 NTU occurred at Barker Slough, while the highest concentration of 128

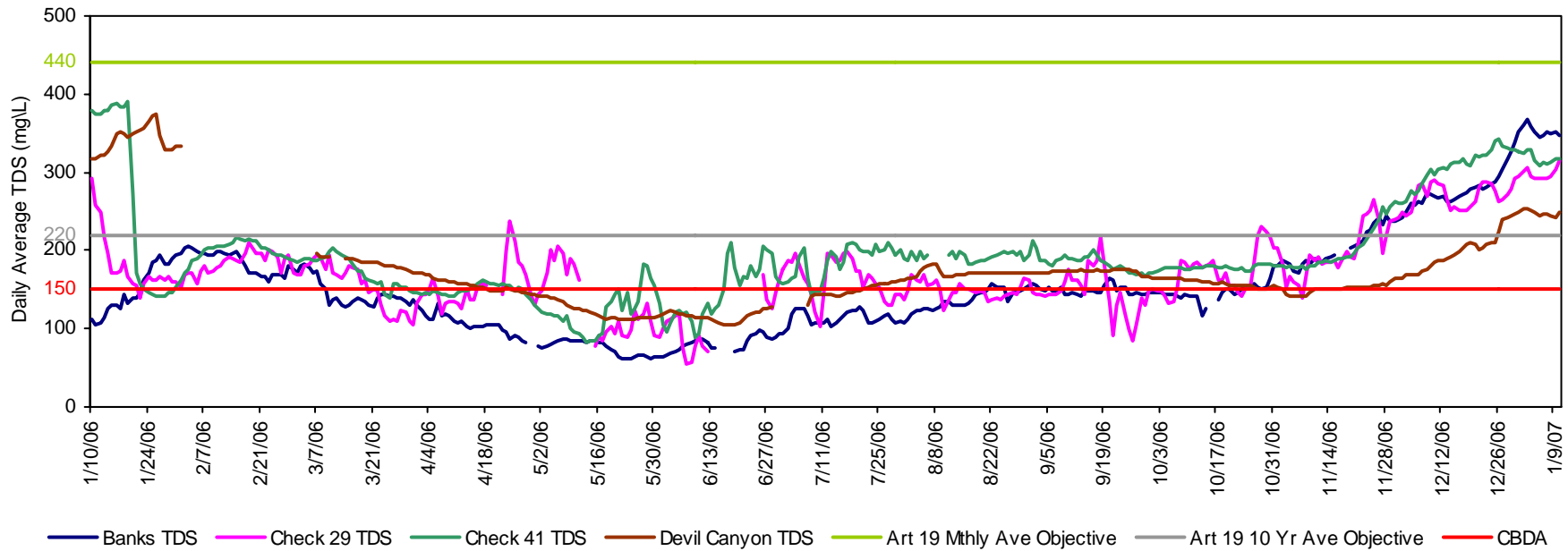
NTU  occurred at BPP on December 28, 2006. This spike in turbidity at BPP was due to sustained 20 MPH wind on December 27 and 28, 2006. The lowest concentration of 1 NTU occurred at Devil Canyon on January 9, 2007.

Dissolved Organic Carbon: Concentrations were above the CALFED TOC Objective of 3.0 mg/l at all locations except at Edmonston. The highest concentrations of 3.8 mg/l occurred at BPP, followed by Check 13 with 3.0 mg/L. UVA at Edmonston is not in operation since December 26, 2006 due to routine maintenance.

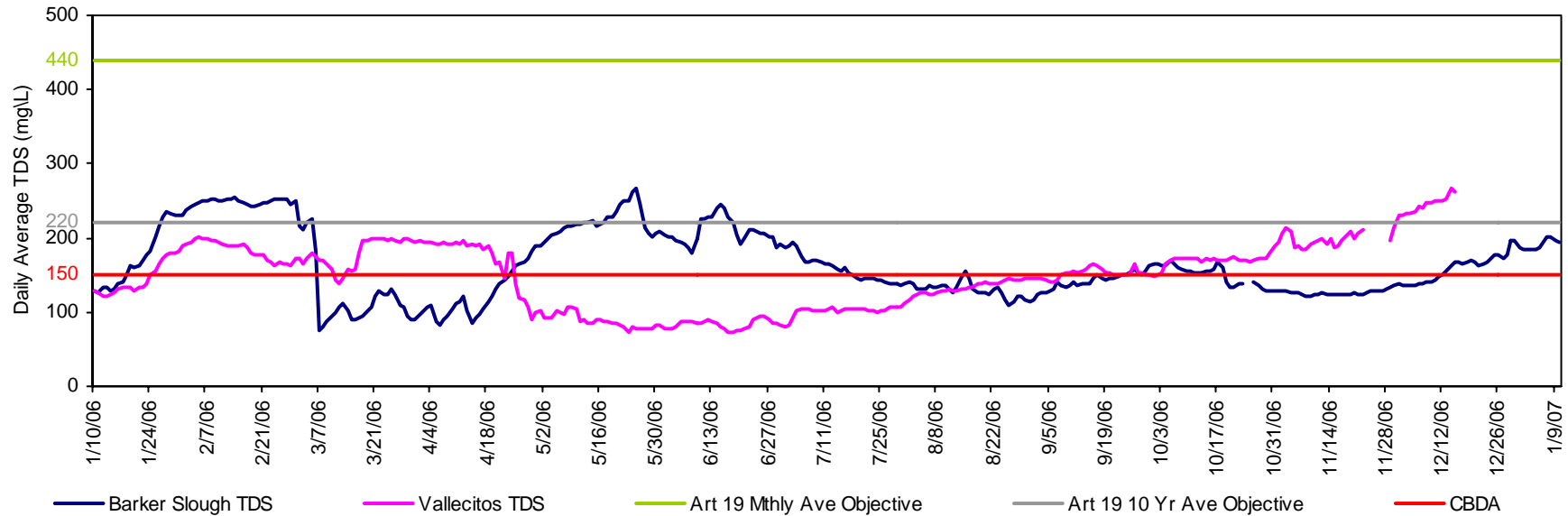
Taste and Odor Compounds: MIB and geosmin values remained low since December 2006, at all SBA stations, San Luis Reservoir and Pacheco Pumping Plant and they range from non detect to 3 ng/L.

***Note:** Data from Vallecitos appear to have remained within the reporting range for TDS, bromide and turbidity; however, there was a cell phone malfunction that is being repaired.

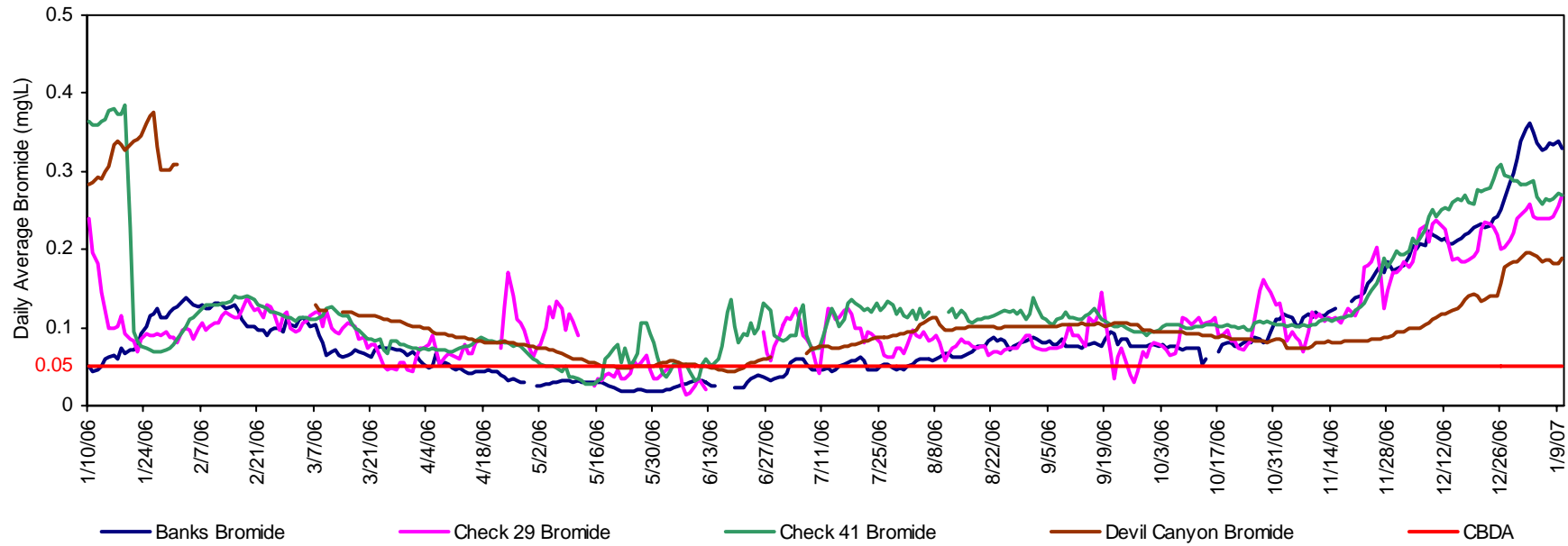
California Aqueduct - Calculated Total Dissolved Solids



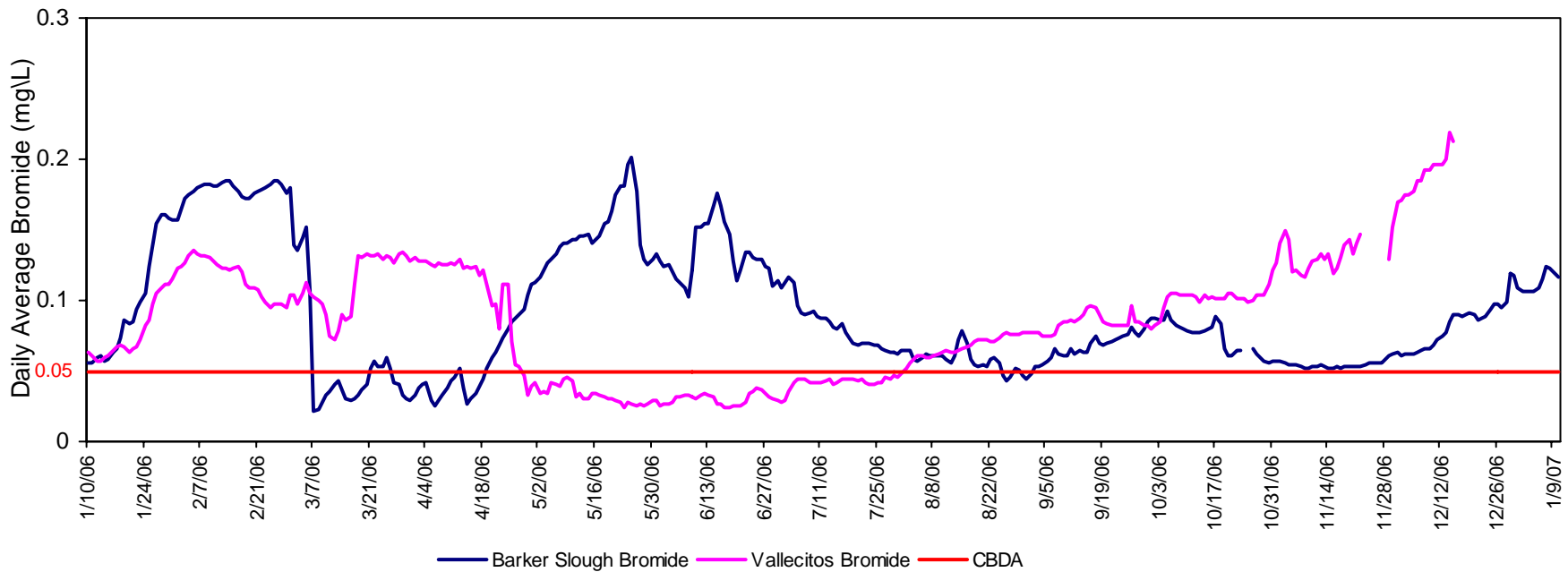
North and South Bay Aqueduct - Calculated Total Dissolved Solids



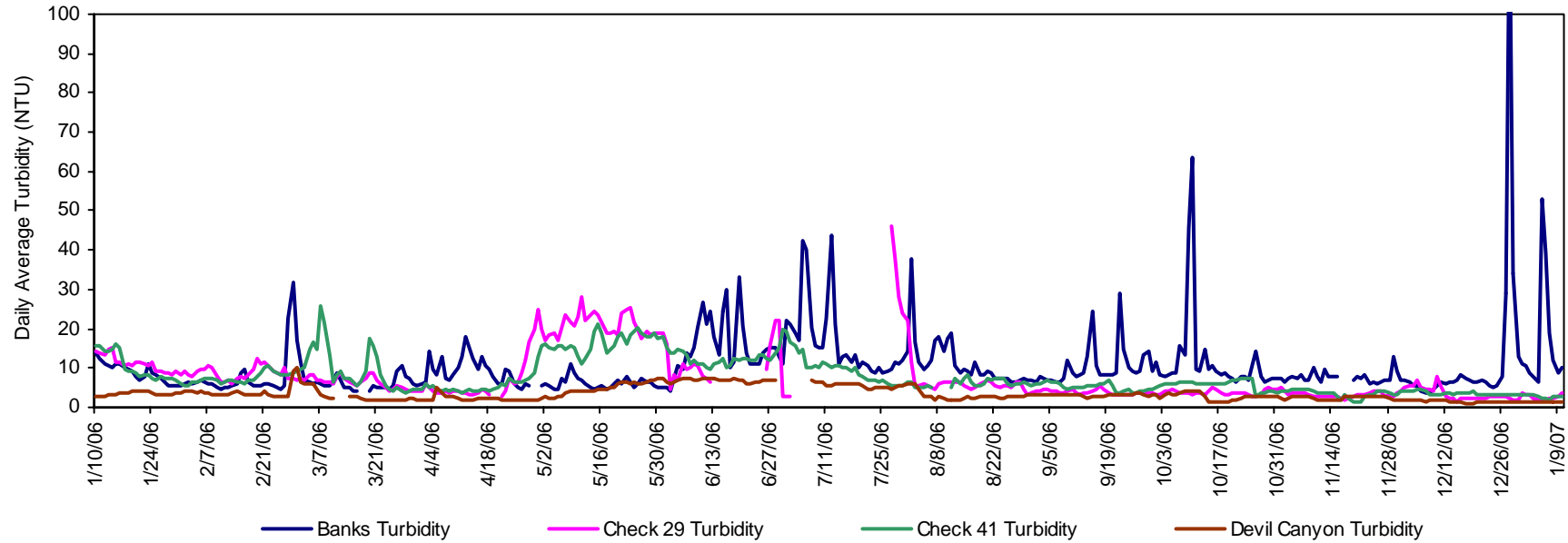
California Aqueduct - Calculated Bromide



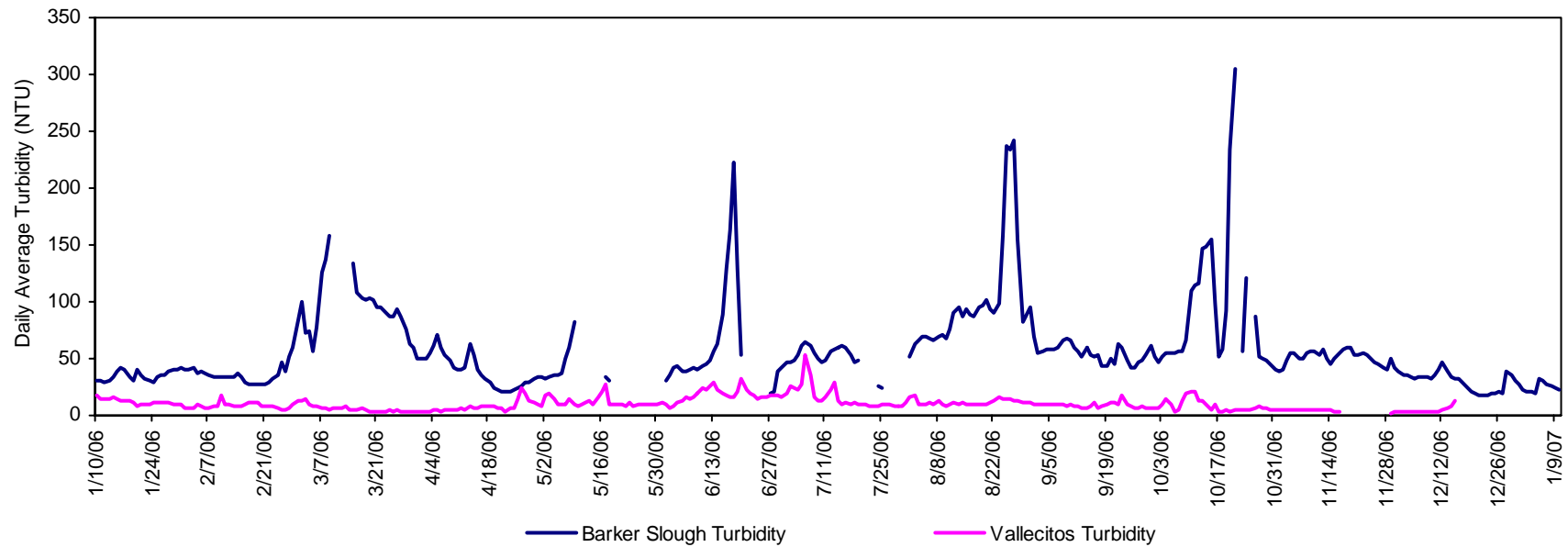
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

